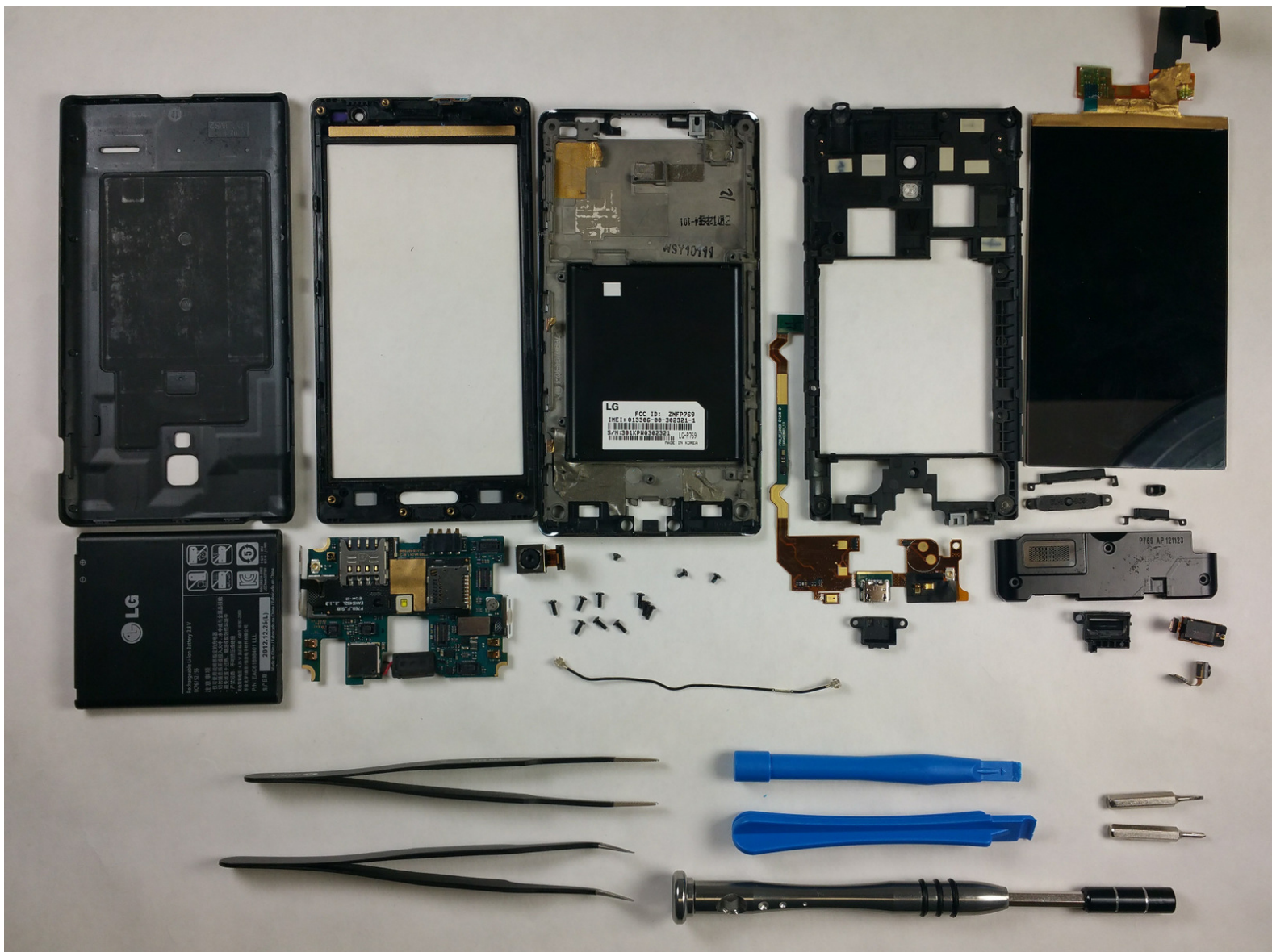




# LG Optimus L9 P769 Teardown

This is a teardown of the LG Optimus L9 P769

Written By: Kayden G



## INTRODUCTION

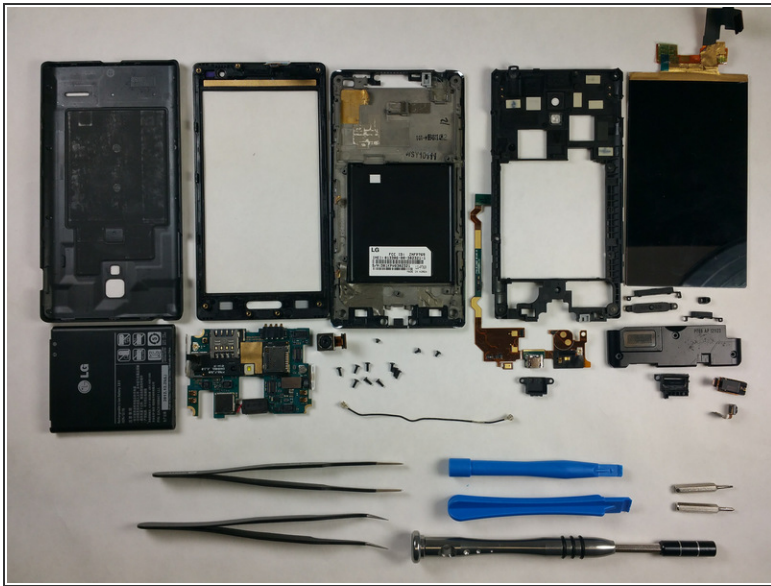
This guide will demonstrate how to fully disassemble the LG Optimus L9 P769

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### TOOLS:

- [Anti-Static Wrist Strap](#) (1)
  - [Philips Head Screwdriver: Sized PH000](#) (1)
  - [Spudger](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Tweezers](#) (1)
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## Step 1 — LG Optimus L9 P769 Teardown



- Here's what LG's L9 P769 holds hardware-wise:
- Dual-core 1.0 GHz CPU
- 4.5 inch IPS LCD with a resolution of 540 x 960 pixels
- 4 GB of internal storage
- 5MP Primary camera and VGA front facing camera
- Wi-Fi 802.11 a/b/g/n, dual-band, Wi-Fi Direct, hotspot, DLNA





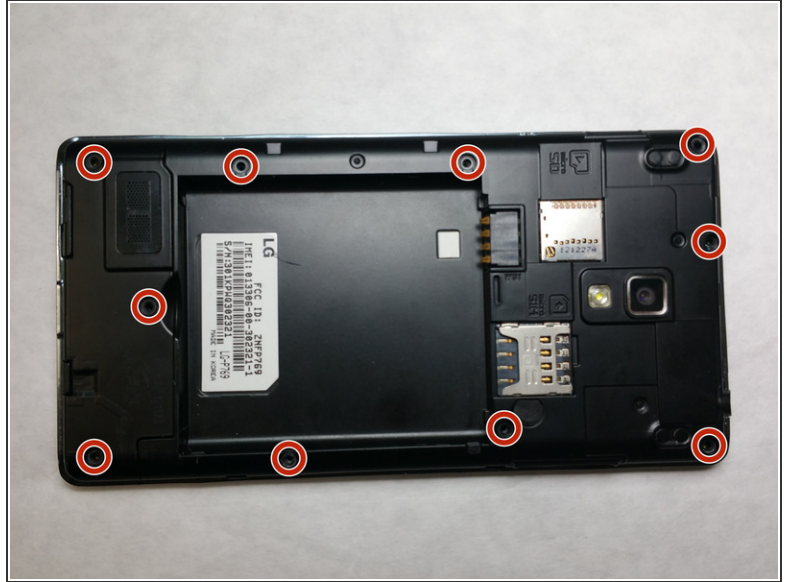
- Power off the device and gently lift the battery cover off to access the battery

### Step 3



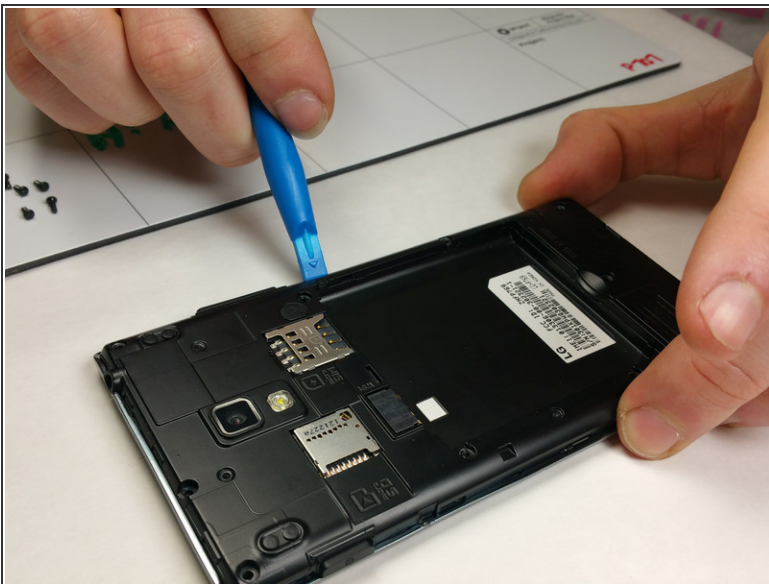
- Lift and remove the battery from the notch in the edge of the battery compartment

## Step 4



- Remove all 10 of the 4.5mm screws that hold the back frame to the case of the phone using the PH000 headtype

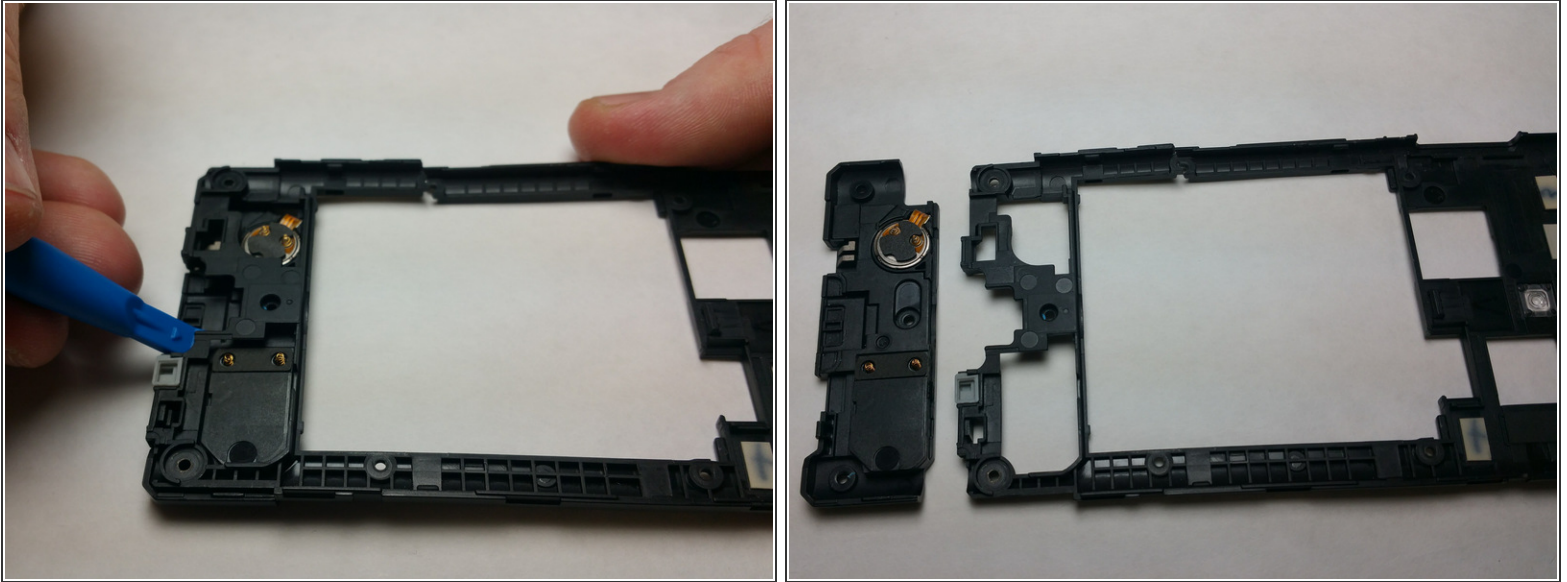
## Step 5



- Using a small prying tool, carefully remove the back frame by prying on the sides of the device.
- ⚠ Do be careful when prying back frame and removing it as too much force may result in damaging the frame.

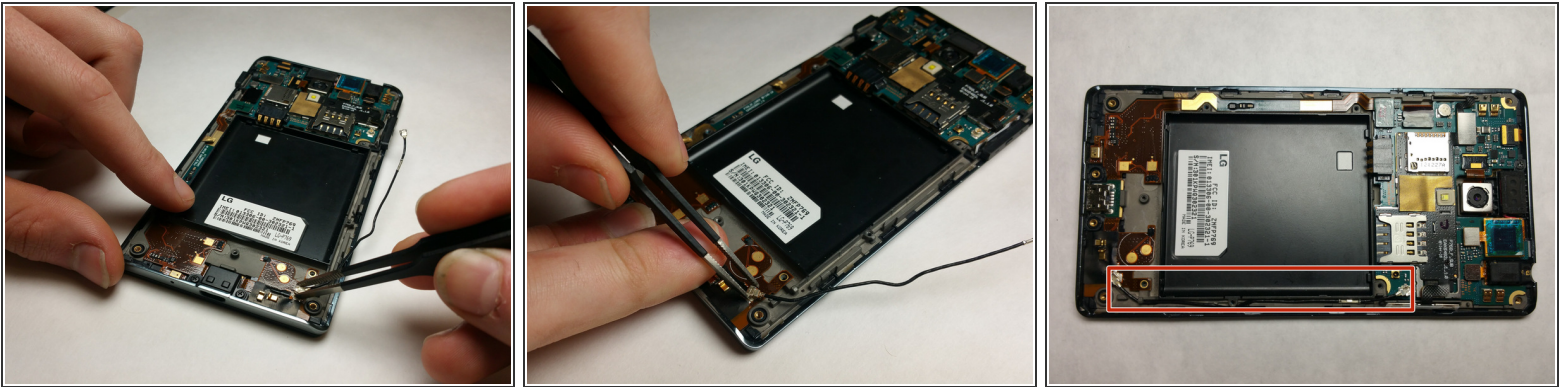


## Step 6



- Carefully remove vibration and speaker module using the prying tool

## Step 7



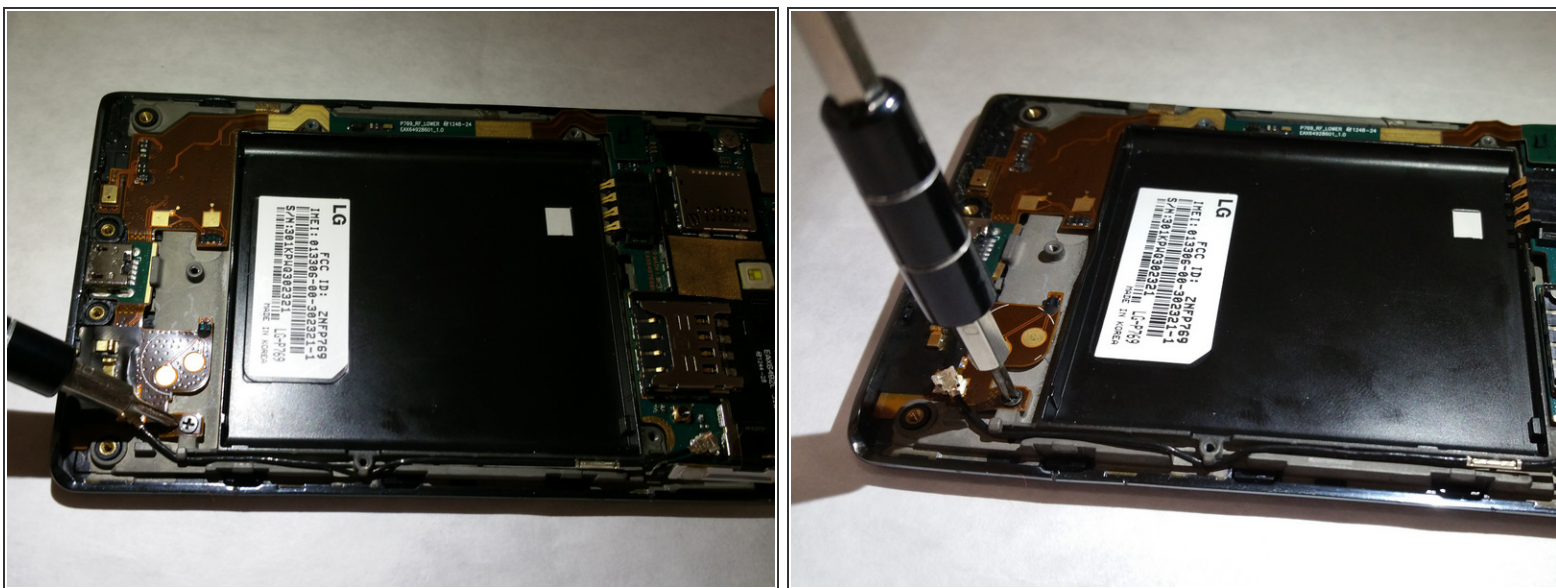
- Remove both connections of the antenna by pulling up with tweezers

## Step 8



- Remove Micro-USB Cache by unscrewing both 2.9mm screws with the PH000 headtype

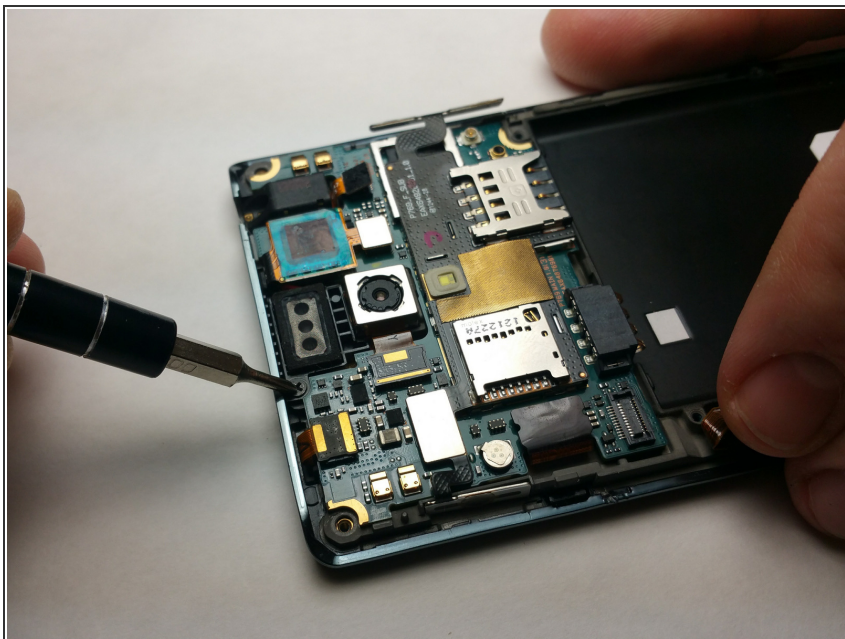
## Step 9



- Remove 1.8mm screw to free Micro-USB module for removal using the PH000 headtype

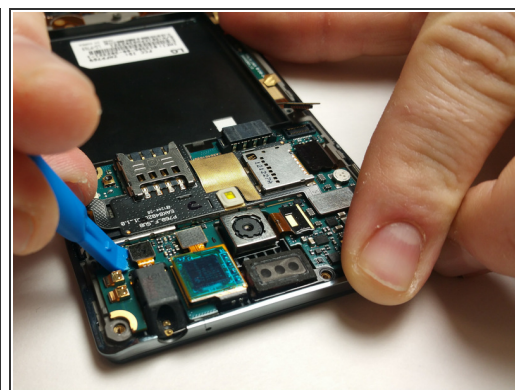
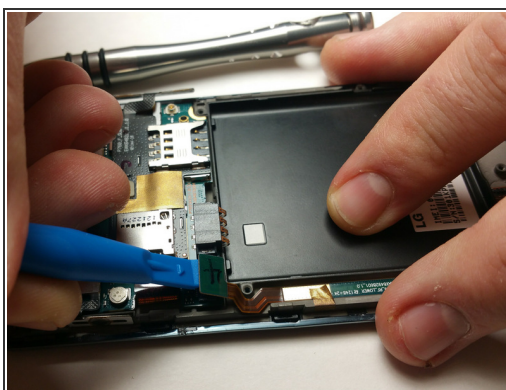
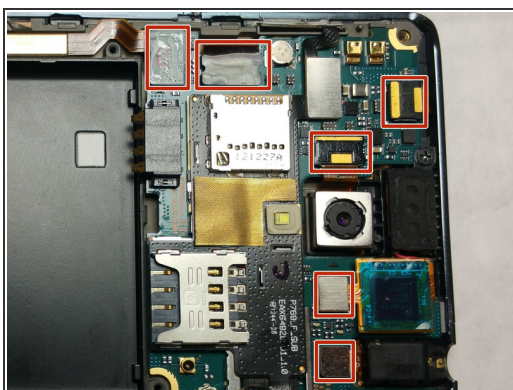


## Step 10



- Remove screw at top of phone to release speaker with PH000 screwdriver

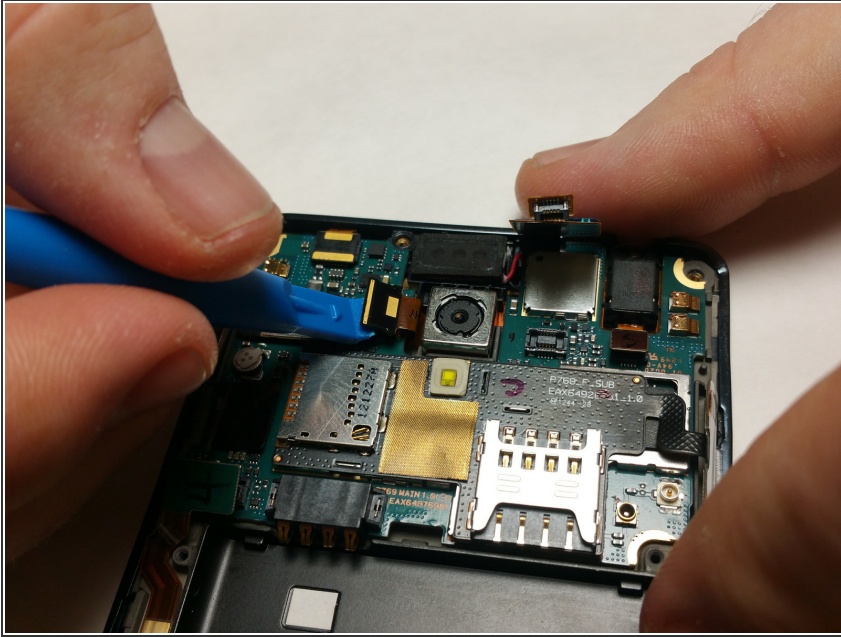
## Step 11



- Use a small prying tool to release all motherboard connections.

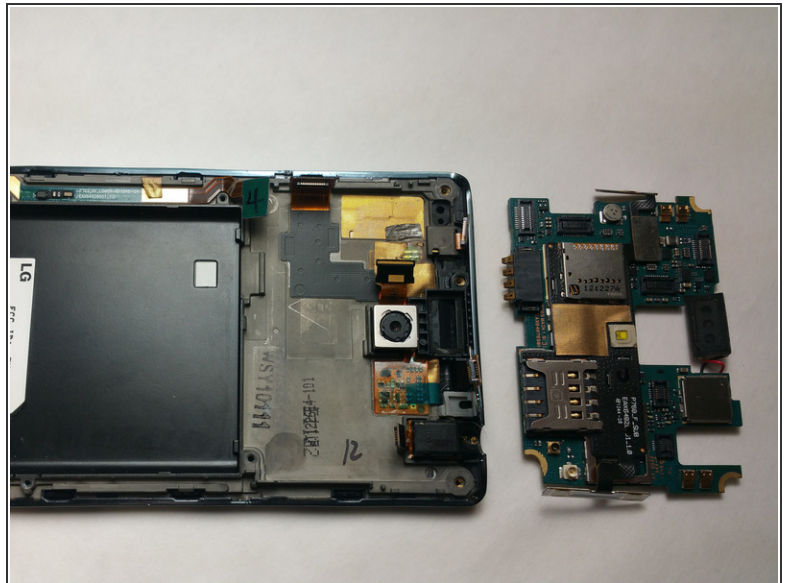
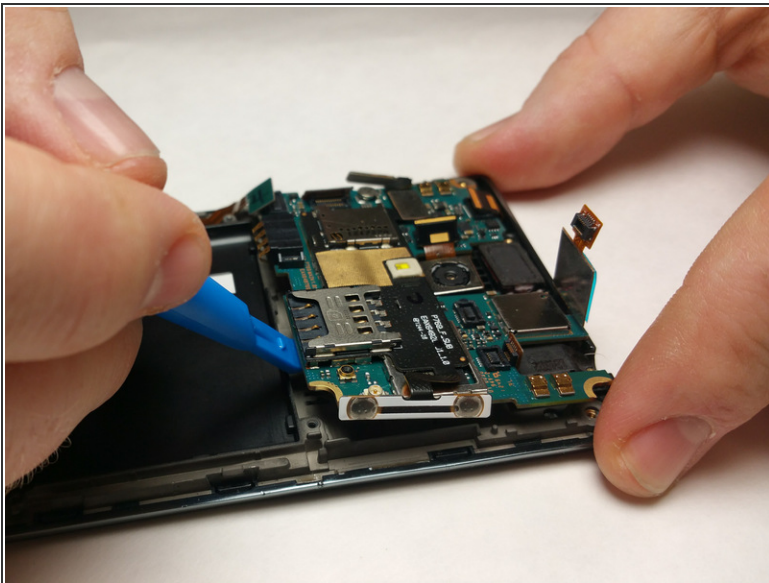


## Step 12



- Remove rear facing camera by using the small prying tool

## Step 13



- Gently lift the motherboard with small prying tool to remove and set aside

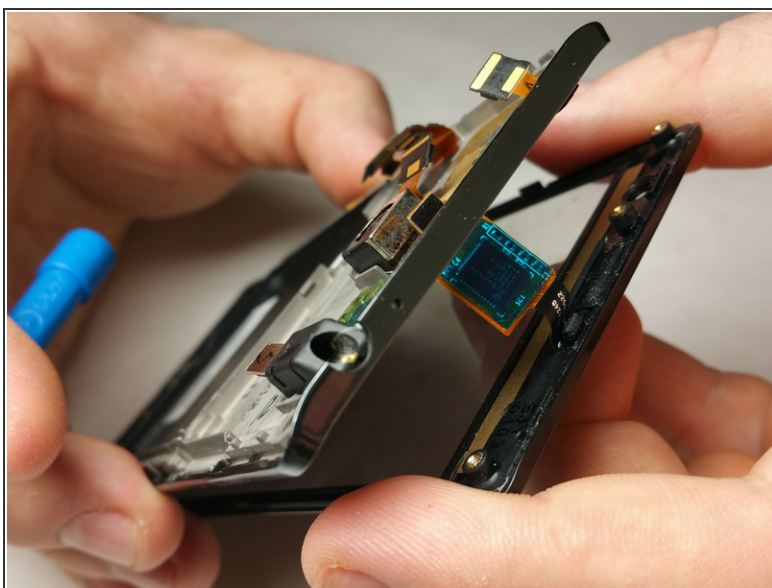
## Step 14



- Using a spudger or small prying tool, pry off the latches that connects the digitizer to the chassis carefully.

⚠ Do not force open as the latches attaching the digitizer to the chassis as they are easily damaged.

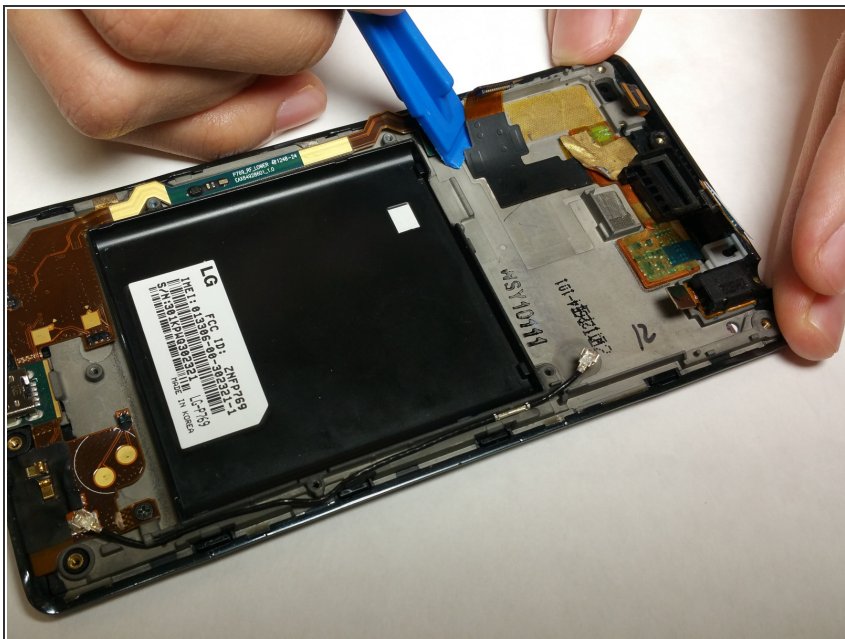
## Step 15



- Carefully remove the digitizer from case by sliding out connected ribbon cable

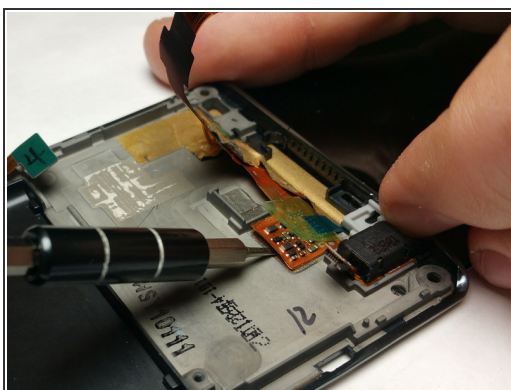


## Step 16



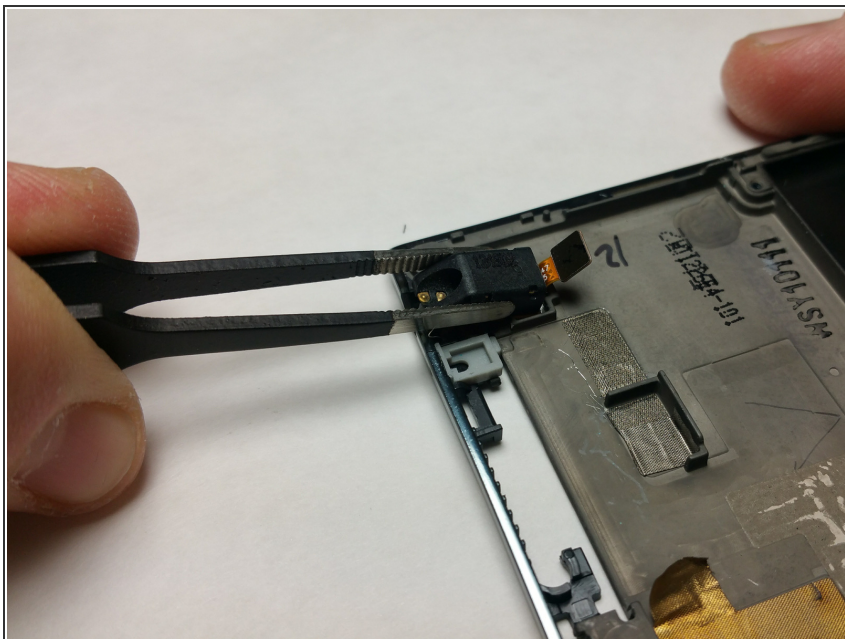
- Use a small prying tool to detach the screen circuitry from the case

## Step 17



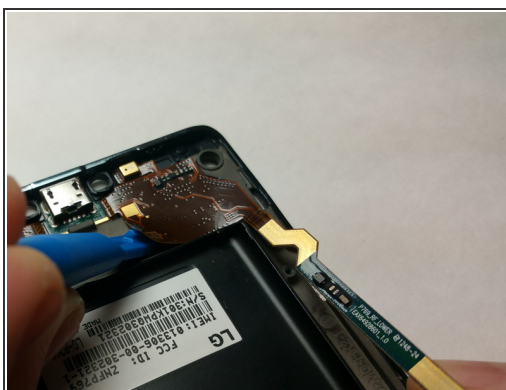
- Remove the remaining circuitry utilizing a smaller prying tool or a small flathead screwdriver
- Carefully slide out circuitry to remove phone display

## Step 18



- Use tweezers to disconnect the 3.5mm headphone jack from the phone

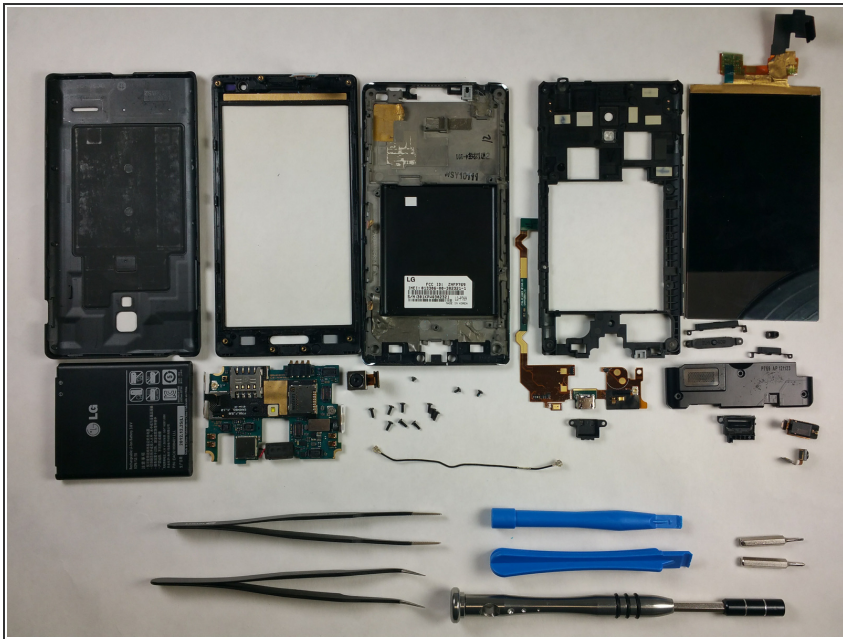
## Step 19



- Use a small prying tool to detach the Micro-USB circuitry from the case of the phone



## Step 20



- Full tear-down and recommended tools for procedure

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